

|                                   |                                       |  |             |
|-----------------------------------|---------------------------------------|--|-------------|
| <b>Notice of References Cited</b> | Application/Control No.<br>10/802,232 | Applicant(s)/Patent Under<br>Reexamination<br>FRISKEN ET AL. |             |
|                                   | Examiner<br>Alysa N. Brautigam        | Art Unit<br>2676   | Page 1 of 3 |

**U.S. PATENT DOCUMENTS**

| * |   | Document Number<br>Country Code-Number-Kind Code | Date<br>MM-YYYY | Name               | Classification |
|---|---|--|-----------------|--------------------|----------------|
|   | A | US-2002/0097912                                  | 07-2002         | Kimmel et al.      | 382/199        |
|   | B | US-6,377,262                                     | 04-2002         | Hitchcock et al.   | 345/467        |
|   | C | US-6,603,484                                     | 08-2003         | Frisken et al.     | 345/622        |
|   | D | US-6,329,977                                     | 12-2001         | McNamara et al.    | 345/589        |
|   | E | US-6,721,446                                     | 04-2004         | Wilensky et al.    | 382/162        |
|   | F | US-6,741,246                                     | 05-2004         | Perry et al.       | 345/420        |
|   | G | US-5,542,036                                     | 07-1996         | Schroeder et al.   | 345/424        |
|   | H | US-5,875,040                                     | 02-1999         | Matraszek et al.   | 358/453        |
|   | I | US-5,982,387                                     | 11-1999         | Hellmann, Antonius | 345/469        |
|   | J | US-6,249,908                                     | 06-2001         | Stamm, Beat        | 717/113        |
|   | K | US-2003/0229856                                  | 12-2003         | Lynn et al.        | 715/517        |
|   | L | US-6,426,751                                     | 07-2002         | Patel et al.       | 345/468        |
|   | M | US-5,781,714                                     | 07-1998         | Collins et al.     | 345/471        |

**FOREIGN PATENT DOCUMENTS**

| * |   | Document Number<br>Country Code-Number-Kind Code | Date<br>MM-YYYY | Country | Name | Classification |
|---|---|--|-----------------|---------|------|----------------|
|   | N |  |                 |         |      |                |
|   | O |  |                 |         |      |                |
|   | P |  |                 |         |      |                |
|   | Q |  |                 |         |      |                |
|   | R |  |                 |         |      |                |
|   | S |  |                 |         |      |                |
|   | T |  |                 |         |      |                |

**NON-PATENT DOCUMENTS**

| * |   | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)  |
|---|---|--|
|   | U | Frisken, S. et al., "Adaptively Sampled Distance Fields: A General Representation of Shape for Computer Graphics," SIGGRAPH 2000, pp 249-254. ✓  |
|   | V | Jeng, E.K.-Y.; Xiang, Z.; "Fast Soft Shadow Visualization for Deformable Moving Light Sources Using Adaptively Sampled Light Field Shadow Maps;" Proceedings of the 10th Pacific Conference on Computer Graphics and Applications (PG'02); 2002. ✓ |
|   | W | de Figueiredo, L.H.; Velho, L.; de Oliveira, J.B.; "Revisiting Adaptively Sampled Distance Fields," Computer Graphics and Image Processing, 2001 Proceedings of XIV Brazilian Symposium on , 15-18 Oct. 2001. ✓                                    |
|   | X | Jian Huang; Yan Li; Crawfis, R.; Shao-Chiung Lu; Shuh-Yuan Liou; "A Complete Distance Field Representation," Visualization, 2001. VIS '01. Proceedings , 21-26 Oct. 2001, pp 247 - 252. ✓  |

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

|                                   |                                       |  |             |
|-----------------------------------|---------------------------------------|--|-------------|
| <b>Notice of References Cited</b> | Application/Control No.<br>10/802,232 | Applicant(s)/Patent Under<br>Reexamination<br>FRISKEN ET AL. |             |
|                                   | Examiner<br>Alysa N. Brautigam        | Art Unit<br>2676   | Page 2 of 3 |

#### U.S. PATENT DOCUMENTS

| * |   | Document Number<br>Country Code-Number-Kind Code | Date<br>MM-YYYY | Name                  | Classification |
|---|---|--|-----------------|-----------------------|----------------|
|   | A | US-5,771,034                                     | 06-1998         | Gibson, Michael Scott | 345/471        |
|   | B | US-5,754,187                                     | 05-1998         | Ristow et al.         | 345/469        |
|   | C | US-5,734,388                                     | 03-1998         | Ristow et al.         | 345/472        |
|   | D | US-5,583,978                                     | 12-1996         | Collins et al.        | 345/170        |
|   | E | US-5,577,177                                     | 11-1996         | Collins et al.        | 345/469        |
|   | F | US-4,555,700                                     | 11-1985         | Convis et al.         | 345/636        |
|   | G | US-  |                 |                       |                |
|   | H | US-  |                 |                       |                |
|   | I | US-  |                 |                       |                |
|   | J | US-  |                 |                       |                |
|   | K | US-  |                 |                       |                |
|   | L | US-  |                 |                       |                |
|   | M | US-  |                 |                       |                |

#### FOREIGN PATENT DOCUMENTS

| * |   | Document Number<br>Country Code-Number-Kind Code | Date<br>MM-YYYY | Country | Name | Classification |
|---|---|--|-----------------|---------|------|----------------|
|   | N |  |                 |         |      |                |
|   | O |  |                 |         |      |                |
|   | P |  |                 |         |      |                |
|   | Q |  |                 |         |      |                |
|   | R |  |                 |         |      |                |
|   | S |  |                 |         |      |                |
|   | T |  |                 |         |      |                |

#### NON-PATENT DOCUMENTS

| * |   | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)   |  |  |  |  |
|---|---|---|--|--|--|--|
|   | U | Hattori, T.; Yamasaki, T.; Watanabe, Y.; Sanada, H.; Tezuka, Y.; "Distance based vector field method for feature extraction of characters and figures;" Systems, Man, and Cybernetics, 1991; Decision Aiding for Complex Systems, Conference Proceedings, 1991. ✓ |  |  |  |  |
|   | V | Russ, J.C., "The Image Processing Handbook," CRC Press LLC, 2002, pp 425-429. ✓   |  |  |  |  |
|   | W | Lau, W. H.; Wiseman, N.; "The Compositing Buffer: A Flexible Method for Image Generation and Image Editing," Computer Graphics Forum, Vol. 14 (1995), Number 4, pp 229. ✓   |  |  |  |  |
|   | X | McNamara, R., McCormack, J., Jouppi, N., "Prefiltered Antialiased Lines Using Half-Plane Distance Functions," HWWWS 2000, Interlaken, Switzerland, 2000, pp 77-86. ✓  |  |  |  |  |

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

|                                   |                                       |   |             |
|-----------------------------------|---------------------------------------|---|-------------|
| <b>Notice of References Cited</b> | Application/Control No.<br>10/802,232 | Applicant(s)/Patent Under Reexamination<br>FRISKEN ET AL. |             |
|                                   | Examiner<br>Alysa N. Brautigam        | Art Unit<br>2676  | Page 3 of 3 |

**U.S. PATENT DOCUMENTS**

| * |   | Document Number<br>Country Code-Number-Kind Code | Date<br>MM-YYYY | Name | Classification |
|---|---|--|-----------------|------|----------------|
|   | A | US-  |                 |      |                |
|   | B | US-  |                 |      |                |
|   | C | US-  |                 |      |                |
|   | D | US-  |                 |      |                |
|   | E | US-  |                 |      |                |
|   | F | US-  |                 |      |                |
|   | G | US-  |                 |      |                |
|   | H | US-  |                 |      |                |
|   | I | US-  |                 |      |                |
|   | J | US-  |                 |      |                |
|   | K | US-  |                 |      |                |
|   | L | US-  |                 |      |                |
|   | M | US-  |                 |      |                |

**FOREIGN PATENT DOCUMENTS**

| * |   | Document Number<br>Country Code-Number-Kind Code | Date<br>MM-YYYY | Country | Name | Classification |
|---|---|--|-----------------|---------|------|----------------|
|   | N |  |                 |         |      |                |
|   | O |  |                 |         |      |                |
|   | P |  |                 |         |      |                |
|   | Q |  |                 |         |      |                |
|   | R |  |                 |         |      |                |
|   | S |  |                 |         |      |                |
|   | T |  |                 |         |      |                |

**NON-PATENT DOCUMENTS**

| * |   | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)   |
|---|---|---|
|   | U | Satherley, R., Jones, M.W., "Hybrid Distance Field Computation," University of Wales Swansea, 2001, pp 1-16. ✓                              |
|   | V | Payne, B., Toga, A., "Distance Field Manipulation of Surface Models," IEEE 0272-17-16/92/0100-0065, January 1992, pp 65-71. ✓               |
|   | W | Kimmel, R., "Using Multi-Layer Distance Maps for Motion Planning on Surfaces with Moving Obstacles," IEEE 1051-4651/94, ✓ 1994, pp 367-372. |
|   | X |   |

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.